








Performance Task 4		
Title: Inventory Investigation – Part 4		
Standards addressed-	2.NBT.1 <i>Understand that the 3-digits of a 3-digit number represent the amount of hundreds, tens, and ones.</i> (Correlates to NCSCOS Math Objective 1.01a)	
	2.NBT.3 <i>Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form. (Special Note: <u>Expanded form will be taught in Unit 3.</u>)</i> (Correlates to NCSCOS Math Objective 1.01b)	
	2.NBT.4 <i>Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.</i> (Correlates to NCSCOS Math Objective 1.01c)	
	2.NBT.2 <i>Count within a 1,000; skip count by 5's, 10's, and 100's</i>	
Task Description	Fill in the chart to show your findings to the PTA treasurer. Your chart should include how much was in inventory, how much needs to be bought, and how you determined this for each item.	
<Task Rubric>	2nd Grade Unit 1 Task 4 Rubric	
Unit Resources	 Inventory Investigation Part 1  Inventory Investigation Part 2  Inventory Investigation Part 3  Inventory Investigation Part 4  School Store Inventory Picture  Pencil  Paper	
Differentiation Strategies		
Extension	Intervention	Language Development
<ul style="list-style-type: none">• Create your own chart to show findings to the PTA treasurer.• Come up with your own way to show your findings.	<ul style="list-style-type: none">• Use pre-labeled chart to show findings (may not include all items depending on previous intervention strategies).	<ul style="list-style-type: none">• Use a pre-labeled chart to show findings.• Depending on their level of proficiency, you may need to limit the number of items they have to fill in.

Instructional Resources	
Materials	Technology
<p>K-5 Math Teaching Resources http://www.k-5mathteachingresources.com/2nd-grade-number-activities.html</p> <p>enVisions Correlation (Numbers with letters after them refer to materials in pearsonsuccessnet.com)</p> <p>2.NBT.1a – 17-1, 17-3</p> <p>2.NBT.1b – 17-1, 17-2, 17-3</p> <p>2.NBT.2 – 4-8, 17-1, 17-5, 17-6A</p> <p>2.NBT.3 – 4-2, 4-3, 17-2, 17-3</p> <p>2.NBT.4 – 17-6, 17-8</p>	<p>Destination Math Correlation</p> <p>2.NBT.1a - Course II:</p> <ul style="list-style-type: none"> Module: Number Sense Unit: Numbers to 999 Session: Place Value: Tens and Ones Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones <p>2.NBT.1b - Course II:</p> <ul style="list-style-type: none"> Module: Number Sense Unit: Numbers to 999 Session: Place Value: Hundreds, Tens, and Ones <p>2.NBT.2 - Course I:</p> <ul style="list-style-type: none"> Module: Number Sense Unit: Numbers to 100 Session: Skip-Counting by Tens and Fives

<http://grade2commoncoremath.hcpss.wikispaces.net/2.NBT.1>

Instructional resources for 2.NBT.1

<http://grade2commoncoremath.hcpss.wikispaces.net/Assessing+2.NBT.1>

Learning progression and assessment piece for 2.NBT.1

<http://grade2commoncoremath.hcpss.wikispaces.net/2.NBT.2>

Instructional resources for 2.NBT.2

<http://grade2commoncoremath.hcpss.wikispaces.net/Assessing+2.NBT.2>

Learning progression and assessment piece for 2.NBT.2

<http://grade2commoncoremath.hcpss.wikispaces.net/2.NBT.3>

Instructional resources for 2.NBT.3

<http://grade2commoncoremath.hcpss.wikispaces.net/Assessing+2.NBT.3>

Learning progression and assessment piece for 2.NBT.3

<http://grade2commoncoremath.hcpss.wikispaces.net/2.NBT.4>

Instructional resources for 2.NBT.4

<http://grade2commoncoremath.hcpss.wikispaces.net/Assessing+2.NBT.4>

Learning progression and assessment piece for 2.NBT.4

<http://www.education.ohio.gov/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&TopicRelationID=1704&ContentID=83475&Content=117394>


The above website is the unpacked version of Common Core Standards for math from Ohio. It includes instructional strategies and resources as well as student misconceptions.

Navigating through Number and Operations in Prekindergarten–Grade 2

This is a book that can be purchased through NCTM (National Council for Teachers of Mathematics). It includes several activities that can be used throughout the unit.

Base-Ten Blocks Riddles Activity

Idea for less than/greater than: Have students draw two vertical dots beside the largest number and 1 dot beside the smallest number. Connect the dots. It will form the correct sign.

158  345

http://www.doe.virginia.gov/instruction/mathematics/elementary/number_sense_module/grade2.pdf

Course II:

- Module: Operations with Numbers Unit: Multiplication
Session: Skip Counting to Show Multiplication
- 2.NBT.3 - Course II:

- Module: Number Sense Unit: Numbers to 999
Session: Place Value: Tens and Ones
- Module: Number Sense Unit: Numbers to 999
Session: Place Value: Hundreds, Tens, and Ones
- Module: Number Sense Unit: Numbers to 999
Session: Expanded Form and Equivalent Representations of a Number

2.NBT.4 - Course II:

- Module: Number Sense Unit: Numbers to 999
Session: Comparing and Ordering

<http://www.harcourtschool.com/hspmath/na/index.html>
This website contains on-line activities for place value, skip counting and comparing numbers.

<http://www.mathblaster.com/free-game.aspx?pid=googpd&cid=Content>

This website is called Math Blaster. Students can register for free on-line to play games with topics covered in this unit.

<http://math.pppst.com/skipcounting.html>

Pete's Powerpoint Station Website has powerpoints that cover skip counting, on-line games for students as well as a webquest for skip counting under teacher materials.

<http://exchange.smarttech.com/search.html?q=%20skip%20counting%202-5>

Smartboard activities on skip counting.

<http://player.discoveryeducation.com/index.cfm?guidAssetId=4EAF371A-80D1-4E16-966D-CB66C06BC370&blnFromSearch=1&productcode=US#>

The Skip Counting Song (by 10s, 5s, and 2s) (3.5 min long)

http://henryanker.com/2nd_Activities.html

This teacher has several on-line activities, including ones that will compliment this unit.

<http://www.toonuniversity.com/flash.asp?err=509&engine=9>

This on-line game allows students to self-check their answers. Comparisons range from 1-digit to 3-digit numbers. Levels have students work at different amount of time to answer.

http://www.eduplace.com/kids/nw/manip/nm_4.html

eManipulative base ten blocks

<http://player.discoveryeducation.com/?guidAssetId=dc803afe-1cff-4cb3-8f08-48e70188eb57>

This video contains background information on place

<p>This booklet contains a base ten comparison game.</p> <p>http://www.lessoncorner.com/Math/Basic_Concepts/Greater_Than_Less_Than</p> <p>This website contains several lessons covering greater than and less than.</p> <p>http://illuminations.nctm.org/LessonDetail.aspx?id=U183</p> <p>Island Inequality Mat Activity (NCTM)</p> <p>Number-Line Squeeze (Students try to guess the mystery number on the number line.)</p> <p>Digit Game (Students use a deck of cards (0-9). Each player draws two cards to make the largest possible number. Player with the largest number takes all four cards.)</p>	<p>value to 100s. It also shows how 10 tens make 100. It does go to numbers past 1,000 so it can be paused. (Apprx.4 min long)</p> <p>http://www.learningbox.com/Base10/BaseTen.html</p> <p>“Base Ten Blocks” This activity teaches and reinforces the important concept of place value. The student pictorially represents the number by dragging flats, rods (longs) and cubes to create numbers. The corresponding numeral appears on a number line at the bottom of the activity as flats, rods (longs) and cubes are dragged into place.</p> <p>http://www.ictgames.com/LIFEGUARDS.html</p> <p>“Lifeguard”- Save drowning swimmers by clicking how many tens & ones.</p> <p><u>Super Source CD Correlation for 2.NBT.1 and 2.NBT.4</u></p> <p><u>Base Ten Blocks</u></p> <p>Balance of Values pg. 18</p> <p>Base Ten Block Bingo pg. 22</p> <p>Build a Bug House pg. 26</p> <p>Hide and Decide pg. 34</p> <p>How Many Can You Hold? pg. 38</p> <p>Number Builder pg. 54</p> <p>Race For a Flat pg. 58</p> <p>Race to Clear the Mat pg. 62</p> <p>Way To Pay pg. 74</p> <p><u>Color Tiles</u></p> <p>Estimation Jars pg. 30</p> <p>Frames of Ten pg. 42</p> <p>Square By Square pg. 74</p> <p><u>Cuisenaire Rod</u></p> <p>Bank-5 pg. 22</p> <p>Build a Boat pg. 26</p> <p>Challenge Match pg. 30</p> <p>Copy and Repeat pg. 34</p> <p>Rod Squeeze pg. 70</p> <p>What's In a Scoop? pg. 86</p>
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